

Title (en)

DEVICE FOR COATING A MOVING MATERIAL WEB

Title (de)

VORRICHTUNG ZUM BESCHICHTEN EINER LAUFENDEN MATERIALBAHN

Title (fr)

DISPOSITIF DE REVETEMENT D'UNE BANDE CONTINUE DE MATERIAU EN DEPLACEMENT

Publication

EP 1377391 B1 20050608 (DE)

Application

EP 02730107 A 20020405

Priority

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- EP 0203776 W 20020405

Abstract (en)

[origin: DE10117668A1] Known devices for coating moving material webs comprise a slotted nozzle (1), from which the coating material is discharged in a free-flowing curtain and which has a guide element (2) for the edge of the curtain, said element extending downwards on each side in the immediate vicinity of the discharge gap (3). Suction elements for evacuating the coating material are located in the edge region of the web. According to the invention, a suction element (6) is fixed on the lower end of each guide element (2), the inner face of said suction element that points towards the curtain being aligned with the inner face of the guide element (2). A suction channel (7), which is connected to a suction line (8), is guided through the suction element (6), said channel opening into a suction tip that runs perpendicular to the curtain plane (9) at the lower end of the inner face.

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